

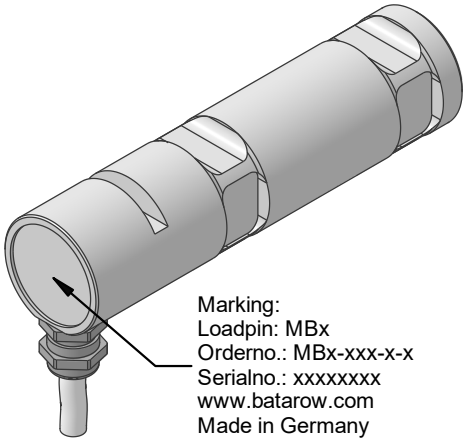
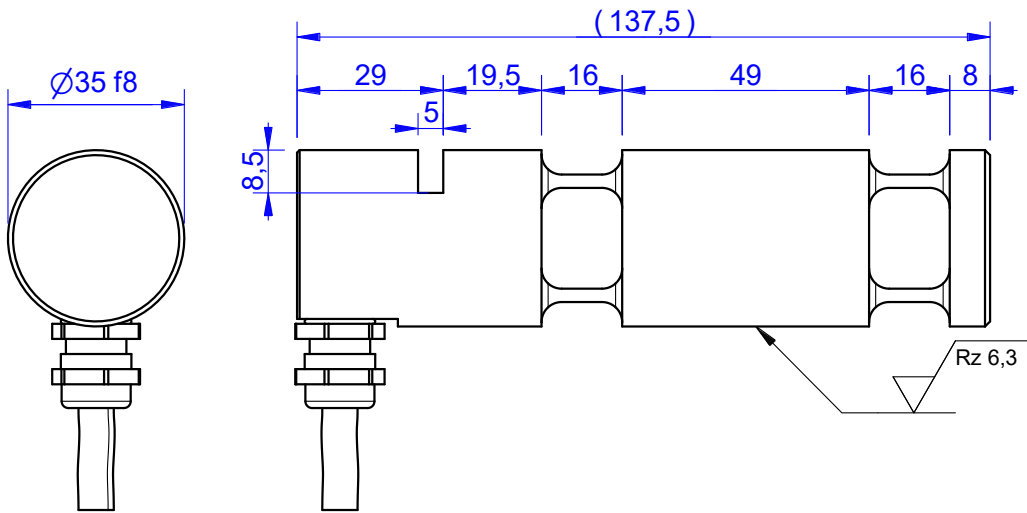
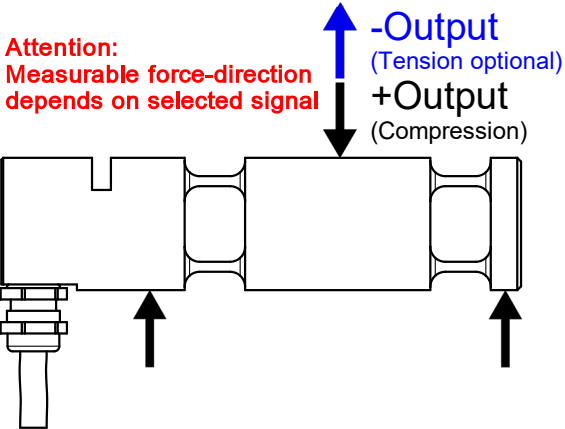


Table with 4 columns: Ordernumber, Capacity [kN] (F.S.), Uncertainty [kN] (k=2), Review. Rows include MB267-5-x-A*, MB267-10-x-A, MB267-25-x-A, MB267-50-x-A, and MB267-70-x-A.

* above showed version
fixed dimensions don't change at other capacity

Specifications:

Table with 3 columns: Dimension / Material, Material, and values. Rows include Material (1.4542), Protection class (IP 66), Hardness (HRC 40..45), Mechanical Data (Safe Load Limit, Breaking Load), Precision (Nonlinearity, Nonrepeatability, Hysteresis, Temp. Shift Zero, Temp. Shift Span), and Temperature (Compensated Temp., Operating Temp.).



Mounting Situation

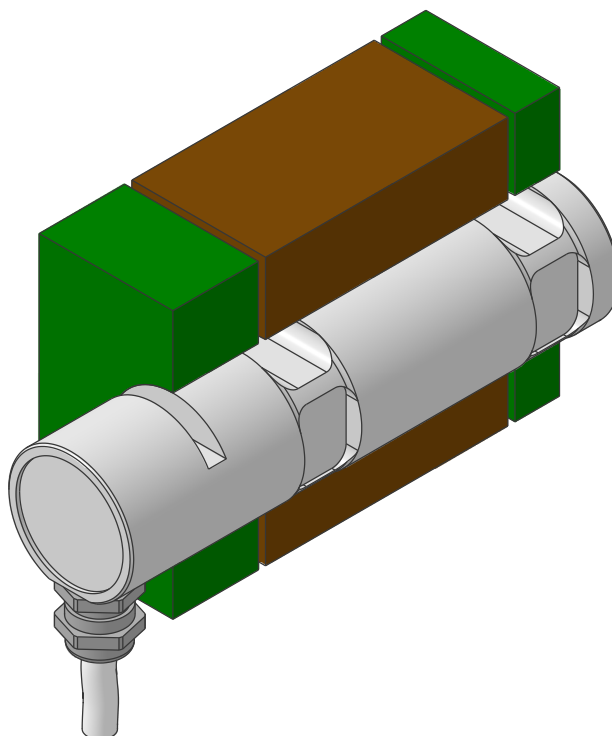
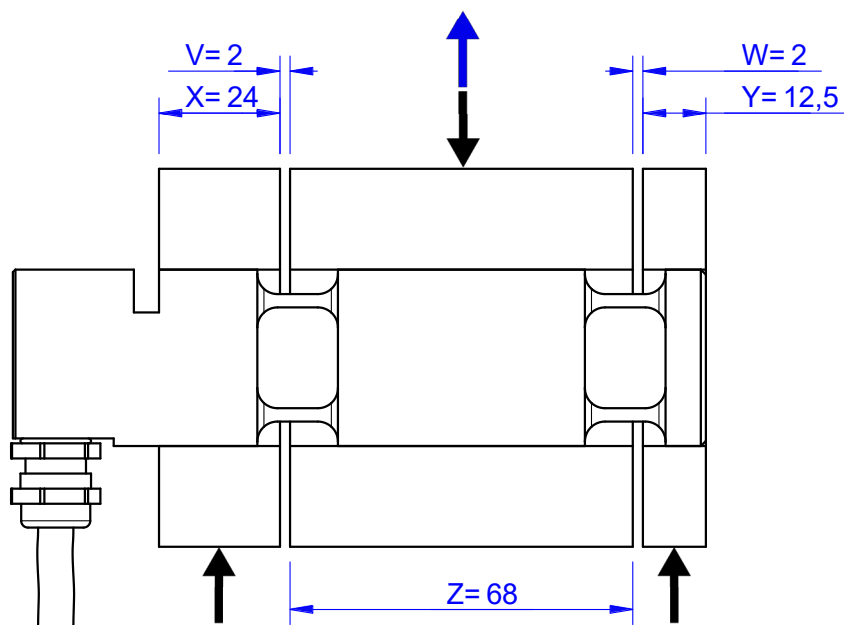
MB267 Review: A

Bore fit of mounting situation: H7

Configuration

possible mounting situation / customer mounting could vary

(Please describe mounting situation with Vs, Ws, Xs, Ys and Zs for best possible calibration)



Output Signal & Wiring

MB267 Review: A

S1 - Analog Output mV/V

Electrical Data S1		
Rated Output @ F.S.	mV/V	1
Zero Balance	mV/V	±0,05
Supply Voltage Maximum	V	10
Input Resistance	Ω	1200±200
Output Resistance	Ω	1002±2
Insulating Resistance	GΩ	>5

Wiringcode: WC52			
Cabletype: Unitronic FD CP (TP) Plus (4x0,25)			Length: 3 m
Supply (US+)	brown	Output (UD+)	green
Supply (US-)	white	Output (UD-)	yellow

Ordernumber Add-On:
MBxxx-x-S1-x

U1 - Analog Output 0...10 V (only +Output / compression*)

Electrical Data U1		
Output @ 0 kN	V	0
Output @ F.S.	V	10
Supply Voltage	V	14...28
Current Consumption	mA	20 (@ 24V)
Bandwidth	Hz	1000

Wiringcode: WC514			
Cabletype: Unitronic FD CP Plus (5x0,14)			Length: 3 m
Integrated Amplifier: GSV13			
Supply (+)	brown	Tara	yellow
Ground (-)	white	Scale	gray
Output	green		

Ordernumber Add-On:
MBxxx-x-U1-x

I1 - Analog Output 4...20 mA (only +Output / compression*)

Electrical Data I1		
Output @ 0 kN	mA	4
Output @ F.S.	mA	20
Supply Voltage	V	9...28
Current Consumption	mA	20 (@ 24V)
Bandwidth	Hz	1000

Wiringcode: WC46			
Connector: M12-5P (male plug)			 View: plug side
Integrated Amplifier: GSV13			
Supply (+)	Pin 1	Tara	Pin 2
Ground (-)	Pin 3	Scale	Pin 5
Output	Pin 4		

Ordernumber Add-On:
MBxxx-x-I1-x

U20 - Analog & Switch Output 0...10 V (only +Output / compression*)

Electrical Data U20		
Output @ 0 kN	V	0
Output @ F.S.	V	10
Supply Voltage	V	14...28
Current Consumption	mA	22 (@ 24V)
Bandwidth	Hz	5000
Switching Output		Open Collector
max. Switching current	mA	100

Wiringcode: WC24			
Cabletype: Unitronic FD CP Plus (6x0,14)			Length: 3 m
Integrated Amplifier: GSV6			
Supply (+)	brown	Scale	gray
Ground (-)	white	Threshold	pink
Output	green		
Tara	yellow		

Ordernumber Add-On:
MBxxx-x-U20-x

Configuration:
Threshold ON: 90% F.S.
Threshold OFF: 88% F.S.

I20 - Analog & Switch Output 4...20 mA (only +Output / compression*)

Electrical Data I20		
Output @ 0 kN	mA	4
Output @ F.S.	mA	20
Supply Voltage	V	9...28
Current Consumption	mA	22 (@ 24V)
Bandwidth	Hz	5000
Switching Output		Open Collector
max. Switching current	mA	100

Wiringcode: WC24			
Cabletype: Unitronic FD CP Plus (6x0,14)			Length: 3 m
Integrated Amplifier: GSV6			
Supply (+)	brown	Scale	gray
Ground (-)	white	Threshold	pink
Output	green		
Tara	yellow		

Ordernumber Add-On:
MBxxx-x-I20-x

Configuration:
Threshold ON: 90% F.S.
Threshold OFF: 88% F.S.

Attention: Nipple orientation of connector is not fixed. In case of 90° connector - it is necessary to set by customer.

*Attention: With this output configuration is no negative signal (Tension) possible. Please ask our engineering for 4...12...20mA; 1...9V or ±10V versions.

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